NAVY AIR FORCE INTERFACE (NAFI)

NAFI IPT
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IPT Agenda

- Current Statistics
- Network Testing/Time Out ASP Errors - Update
- File Conversion
- Recent NAFI Issues
- Current NAFI SCR's/DR's
- Future Meetings

Current Statistics

Database Server Statistics							
Week Ending	12-Jan-01	19-Jan-01	26-Jan-01	2-Feb-01	9-Feb-01	16-Feb-01	23-Feb-01
Database Capacity (Gigabytes)	170	170	170	170	170	170	170
Total used (Gigabytes)	117.4	118.1	119.5	120.4	121	121.8	122.9
Gigabytes Consumed	1.3	0.7	1.4	0.9	0.6	0.8	1.1
Average number of files uploaded per day							
Air Force	484	459	343	264	234	346	279
Navy	763	564	905	763	758	614	412
Air Force & Navy	1247	1023.4	1247.2	1027	992	960	691
Average Upload Time(Seconds)							
Air Force	1.21	1.02	1.42	2.15	1.22	0.81	1.29
Navy	19.41	16.06	13.84	15.16	9.54	6.78	7.80
Air Force & Navy	20.63	17.08	15.25	17.30	10.75	7.59	9.09
Web Site Statistics (Provided by Webtrends)							
Week Ending	12-Jan-01	19-Jan-01	26-Jan-01	2-Feb-01	9-Feb-01	16-Feb-01	23-Feb-01
Average User Session length (minutes)	28.48	17.09	15.38	14.42	15.04	13.13	15.15
Total Files Downloaded							
Air Force	4932						
Navy	11799						
Air Force & Navy	16731	0	0	0	0	0	0
Web Pages Accessed Via DISA Site	1768	962	1794	1684	1028	1559	1105
Activity level by day(User Sessions)							
Monday	1660	1	1829	1844	1612	1369	249
Tuesday	1666	198	1755	1839	1799	1907	1774
Wednesday	1791	707	1762	1784	1015	1642	1695
Thursday	1654	446	1828	1759	883	1730	1414
Friday	833	1122	1474	273	739	1093	1228
Average number of daily user sessions (Week)	1521	495	1730	1500	1210	1548	1272

% User Support Requests Resolved with Initial Contact

4%

96%

- Issue Resolved on Initial Contact
- Issue not Resolved on Initial Contact
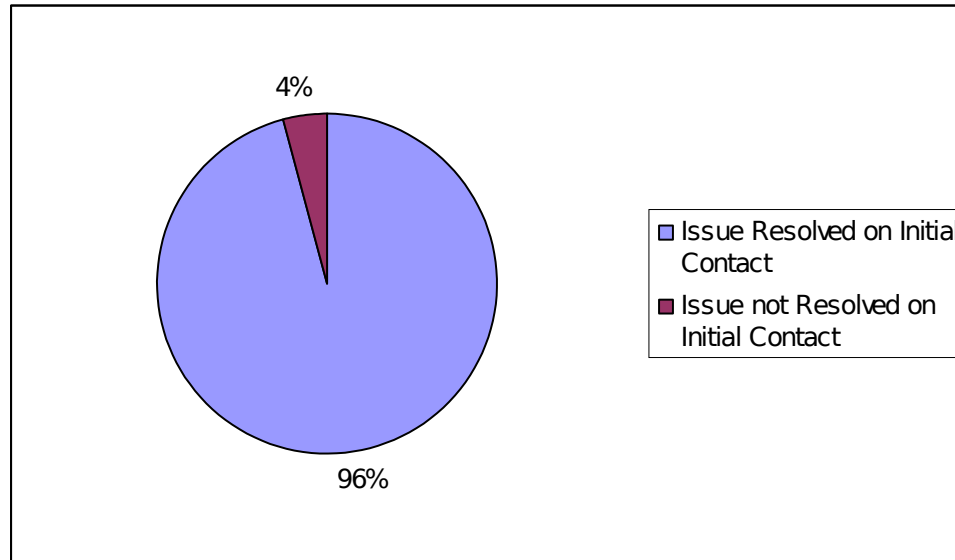
Network Testing/ASP TimeOut Error - Update

- Began network monitoring discussions with DISA and DFAS week of Jan.8 and installed sniffers Jan. 12.
- Network Monitoring revealed that network is a contributing factor with NAFI Response Time.
- Daily Monitoring continues by all parties, focus has been narrowed to some point involving NAVSEA and SMARTLINK.
- Also, a NIPRNET ATM (a type of router) continues to cause occasional connectivity and response time issues.

Network Testing/ASP TimeOut Error - Update

- During Network Monitoring, NAFI Application also scrutinized for bottlenecks.
- Several disparate performance enhancements were implemented.
  - PERL now runs in process vs. out of process
  - Files now stream through PERL to the browser vs. being first read into memory
  - Encryption/Decryption Object calls now more efficient
- Close to 100% elimination of ASP TimeOut Error

Recent NAFI Issues

Issue	Synopsis	Resolution
Registration	Users are experiencing intermittent problems registering. This does not happen to all users but it has happened to users in both the Air Force and the NAVY domain using both browsers. After entering all of the information on the account registration page,	A fix was released to production with the release of 4.0. The occurrences of this error have decreased greatly and are now dealt with on a case-by-case basis.
ASP Script Timeout	Numerous users experience .asp script time out errors. This issue has been occurring since the beginning of Jan. 2001 and users in both domains are experiencing this problem on a regular basis.	The occurrences of this issue have been very low since the end of Feb.
Viewing Files	Several Issues within file service are producing errors for users when attempting to view contracts. When attempting to open a file, acrobat will launch and open however, the file is blank and the word "done" is found on the bottom left hand corner of the	The blank file issue is believed to be caused by an interaction between Adobe Acrobat and Explorer. This is still being investigated. The "Error 109" that users are receiving is also still being investigate. Password Protected Files are being uploaded to
Notification	Users are experiencing difficulty modifying the notification recipient list. The system will only send the notification to the current recipient list. Users can not be added or subtracted from this list.	.The fix for this bug was set to be released last Fri., Mar. 2. However, while performing system testing, another bug was identified. This fix was released on Wed. Mar, 7 to production. Distribution lists can now be modified.
Password	When a users password expires and the user updates his/her password, the user is unable to view files unless they completely log out of the system and then log back in.	This issue was resolved with a fix that was deployed Wed., Mar. 7

Viewing Files

- Currently NAFI Team's Top Priority
- When attempting to view files in NAFI, users occasionally receive one of the following error messages:
  - Http 400 Error
  - Error 109
  - A Blank screen appears
  - Indication that Adobe could not repair files, or that it experienced an error opening the file.

Viewing Files

- Some Blank files are a result of an interaction bug between Adobe and browsers, that NAFI has no control over.

- Other issues viewing files are related to the NAFI conversion - some files are not converting properly
  - Certain files are creating problems for NAFI's conversion process
  - File attributes causing these problems are unclear as of yet (except password protection is a known problem).

- Active PDF will upgrade NAFI Conversion
  - Currently conducting a thorough analysis and test
  - So far, all "problem" files have been converted successfully by Active PDF
  - More analysis and testing is required

Current NAFI DR's

- **System DR's**
    - **Re Create Contract Index**- Currently, users are unable to re-enter a basic contract index that has been removed from the system. After the user removes the contract index and attempts to re enter and submit the basic index for the same contract, a message appears that states the contract already exists. When searched upon in NAFI, the contract is not found. However, when searched upon in the NAFI database, the basic contract index is found.
    - **Change NAFI Re Set Password-** Some users are having difficulty gaining entrance to the system with the current Default Password which is Naf1Naf1. User Support requests that the default password be changed to Password1. This password is easier to communicate to users.
    - **Mod Descriptions**- Currently, the words "Mod Description" appear in the description field. However, "Description" should appear instead. This box is used for the description on DO's, Task Orders, etc. Technically, DO's and task orders are not modifications and this can be misleading to the user.

- **System SCR's**
  - **Find Administrator (Closed)** - Functionality to exist whereby any user type enters a DoDAAC (DoN) or DoDAAN/DoDAAC pair (AF) and chooses "Get Activity Lead" of "Get Command Account Manager". Once selected the AL or CAM for that site will appear along with their email address and phone number. If an AL does not exist then a message will appear indicating that an AL does not exist for that site, but will provide CAM information. If a CAM does not exist then a message will appear indicating that a CAM does not exist.
  - **PDF Conversion Enhancement-** Research and potentially implement a PDF converter that converts PS, Doc and RTF into PDFs that are machine readable (IE, they would convert to actual data, vice images or images which are OCR (Optical Character Recognition) compatible.) This would allow NAFI users and DODEDA users the ability to search the actual PDF file itself for specific information. Would resolve files from time backwards.

- **NAFI On-Line Training-** More requirements mining needed on this, but could include one or more of:
  - Robo-Help Style Help accessible from Help Menu or F1 from specific page
  - A "Click here to get started with NAFI" for the new user, customized with User Role specific responsibilities
- **Miscellaneous Notification-** The following are requested enhancements to the Notification function in NAFI.
  - Immediate Contract notification vice batch notification early next morning. Currently, batch notifications are sent 1 time/day at 5:00AM EST
  - Increase number of distribution lists that can be created in a users personal address book to 30+. Currently, the maximum number of lists that can be created is 30.
  - Automated Notification- ONR Request
  - Allow users ability to modify distribution lists without sending a notification. Currently, users can not modify this list unless a notification is sent.
  - Add recipient's e-mail address to the information that is displayed on the Notification Log page. This will assist users in locating errors in incorrect e-mail addresses.

- Modify NAFI so that the senders name will replace NAFI as the actual sender of the e mail. In this way, the sender will be notified of an unsuccessful delivery. Currently, the NAFI System is the sender of the e mails and the users are not notified if an e-mail is not delivered.

- **NAVSEA EDA Data Migration-** Migrate NAVSEA EDA data to NAFI, turn off NAVSEA EDA (has to be done after AUTODOC implemented and bugs worked out, as NAVSEA EDA currently provides functionality which will be handled by AUTODOC)

- **DFAS Pay DoDAACS-** Users would like to see several changes made to the DFAS Pay DoDAAC Field:

  - Users would also like the ability to enter the first few characters of the Pay DoDAAC in the pay DoDAAC Field and have a list of matches appear that they can choose from.

  - A Pay DoDAAC Clean-Up is also requested

Current NAFI SCR's Con't

- **Manual Award Dates-** Users would like to have the ability to add an award date manually. Currently, users must use the pop up calendar. In the event the "pop-up" calendar is malfunctioning, the process to upload documents is not held up.
- **Inactivate Document-** After inactivation, if users are taken back to the maintain contract page instead of the inactivate document page, they can then begin the inactivation process of another document from that screen. This would be a time saving step.
- **Message Alert for Duplicate Mod-** Alert the user that a duplicate mod has already been entered into the NAFI system by presenting a message on the screen similar to the one that is shown when a contract already exists. Currently, no message exists that alerts the user to this.
- **Dash Alert Next to Contract Number field-** In red text, post a short message beneath the contract number field on the maintain contract page and beneath the contract number filed on the "New Contract" page that alerts the user to omit dashes when entering/searching for a contract in

  NAFI. Currently users entering contract numbers into NAFI with dashes.
- **Standardized FTP Mechanism-** Develop an automated FTP solution that would standardize the FTP script that all automated SPS sites use to send information to NAFI. This would include file validation.

Miscellaneous Issues

- Uploading files that are password protected

    - If docs, these cause problems to the NAFI Conversion
    - If PDFs, they are Uploaded to NAFI without problem, but users including DFAS can not view because they do not have the password.
    - Will request users to re-upload without password protection
    - Also affecting file conversion within NAFI

Future Meetings

- Scheduled IPT Dates
  - Thursday, 04/05/01 (9:00 – 11:00)
  - Thursday, 05/03/01 (9:00-11:00)
  - Thursday, 06/07 /01 (9:00-11:00)